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# Final Report

## Additions to Publishable Summary

**Leader:** 1- POL, Pierre Sixou

**Authors:** All partners

**Programme Topic:** EeB.NMP.2015-5 – Novel materials for smart windows conceived as affordable multifunctional systems offering enhanced energy control.

**Project acronym:** SmartBlind

**Project title:** Development of an active film for smart windows with inkjet method. Application to a building envelope component: autonomous smart device.

**Funding Scheme:** Collaborative project

**Date of latest version of Annex I against which the assessment will be made:** 2012-05-29

Note: budget shifts were accepted by the EC on 03/11/2014 and on 09/03/2015

**Report:** Final report

**Period covered: from** **September 1<sup>st</sup>, 2012** **to** **August 31<sup>st</sup>, 2015**

Name, title and organisation of the scientific representative of the project's coordinator:

Dr Pierre Sixou  
POLYMAGE  
Technical Director  
Tel: +33 4 93 88 17 25  
E-mail: [p.sixou@polymage.fr](mailto:p.sixou@polymage.fr)

Project website: <http://www.smartblind-project.eu/>

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## 1. List of Publications, starting from the most recent scientific publication

Title	Author(s)	Publisher	Place of publication	Year of publication
Taylor-made materials for flexible organic photovoltaic sensors	FFCT: Susete N. Fernandes, João P. Canejo, Ana Almeida, Pedro L. Almeida, Maria H. Godinho. LEITAT: Mónica Della Pirriera, Pau Bosch-Jimenez. ARD: Théodulf Rousseau, Pascal Pierron	ScienceKNOW Conferences C.B.	Paris, France	2015
Printed photoactive inks for flexible organic photovoltaic technology	FFCT: Ana P.C. Almeida, João P. Canejo, Susete N. Fernandes, Pedro L. Almeida, Maria H. Godinho. LEITAT: Mónica Della Pirriera, Pau Bosch-Jimenez. ARD: Théodulf Rousseau, Pascal Pierron	ScienceKNOW Conferences C.B.	Paris, France	2015
Photovoltaic cells as a light sensors in Smart Window Structure	M. Frydrysiak, J. Zięba, Ł. Tęsziorowski, M. Tokarska (LODZ) and M. Della Pirriera, P. Bosch-Jimenez, D. Gutierrez Tauste (LEITAT)	American Scientific Publishers	Sensor Letters	2015
12 Volts flexible DSSC module fabricated through low energy cost printing techniques.	Pau Bosch-Jimenez, Javier Santos-Ramos, Monica Della Pirriera, David Gutierrez Tauste (LEITAT) and Théodulf Rousseau, Mickael Barret, Pascal Pierron (ARDEJE)	IDTechEX	Printed Electronics Europe	2015
12 Volts flexible DSSC module fabricated through low energy cost printing techniques.	Pau Bosch-Jimenez, Javier Santos-Ramos, Monica Della Pirriera, David Gutierrez Tauste (LEITAT) and Théodulf Rousseau, Mickael Barret, Pascal Pierron (ARDEJE)	Eu PVSEC Proceedings	European PV Solar Energy Conference and Exhibition	2014
Visual comfort study of a retrofitted building	Timea Bejat, Anne-France Barthelme and Jasmin Perotti (CEA)	13th International Conference of the International Building Performance Simulation Association	Chambéry, France	2013

## 2. International workshop

Beside the internal trainings an **international workshop** was organised (DITF - VUB) for a European relevant audience. The very interesting international SmartBlind workshop was organised during the symposium on **"Fiber-based Solutions for Energy and Construction"** at the DITF Denkendorf (20-21 May 2015).



Presentation of the SmartBlind project during the international workshop

### 3. Principal investigators:

Partner entity	Country	Contact Name	Email	Phone
POLYIMAGE SARL	FR	Pierre Sixou	p.sixou@polymage.fr	+33 4 93 88 17 25
FUNDAÇÃO DA FACULDADE DE CIÊNCIAS E TECNOLOGIA DA UNIVERSIDADE NOVA DE LISBOA	PT	Maria Helena Godinho	mhg@fct.unl.pt	+351 21 29 48 304
ARDEJE SARL	FR	Théodulf Rousseau	rousseau@ardeje.com	+33 4 75 78 26 60
DEUTSCHE INSTITUTE FÜR TEXTIL-FASERFORSCHUNG DENKENDORF	DE	Thomas Stegmaier	thomas.stegmaier@itv-denkendorf.de	+49 711 9340 219
POLITECHNIKA ŁÓDZKA	PL	Michał Frydrysiak	michal.frydrysiak@p.lodz.pl	+48 42 631 33 99
VRIJE UNIVERSITEIT BRUSSEL	BE	Marijke Mollaert	marijke.mollaert@vub.ac.be	+32 2 629 28 45
IASO SA	ES	Feike Reitsma	freitsma@iaso.es	+34 97 32 63 022 ask for ext. 1137
A CATEDRAL - CARPINTERIA MARCENARIA LDA	PT	Ana Silva	ana.assuncao@acatedral.pt	+35 19 66 74 68 60
COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	FR	Philippe Thony	philippe.thony@cea.fr	+33 4 79 79 28 17
TERMOGLASS CIV SRL*TERMO	RO	Valentin Balasa	termoglassciv@gmail.com	+40 21 348 19 89
ACONDICIONAMIENTO TARRASENSE ASSOCIACION	ES	Monica Della Pirriera	mdella@leitat.org	+34 93 788 23 00
FCC CONSTRUCCION SA	ES	Beatriu Pujol Crespell	BPujolC@fcc.es	+34 93 363 45 50
Kurt Salmon France SAS	FR	Nancy Deltimple	nancy.deltimple@kurt-salmon.com	+33 4 37 47 56 22